

## Bug-Proof Lesson Plan

YOUR NAME:	Samantha Allshouse
Pick a lesson from your unit in Dr. Grace's class. Write a short summary of that lesson plan. Be sure to describe what technology you plan for your students (and you) to use:	I will use lesson 4. Lesson 4 is about how the environment can affect genetics even before organisms are truly exposed to the outside environment (i.e. before birth). I would use a wikispace, QR codes and readers, YouTube videos, links to other websites, animations, Prezi, and survey websites (such as GoogleForms).
<i>GNAT</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is a temporary problem/issue that could happen to your equipment (the teacher's computer) that would affect your plan. The technology might get fixed before your lesson is over, but might not. What "bug" did you pick:	I show or put links to videos with inappropriate videos or adds on the sides.
What could you do that would allow the learning to continue without the technology or in a modified way?	I could embed the videos directly into the wikispaces pages so that students do not even need to be on YouTube to view them.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	I would need to embed the videos before the class and make sure that I check the option that prevents the video from displaying suggested videos.
<i>BLACK FLY</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is an all-day problem/issue that could happen to you or your students' equipment that would affect your plan. What "bug" did you pick:	The iPads aren't available for use in my classroom/the QR code readers cannot be downloaded properly on the iPads.
What could you do that would allow the learning to continue without the technology or in a modified way?	I could have the students access the wiki from their laptops and explore the story themselves online, without the QR code readers at all.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	I would need to include links on the wiki that go to each QR code in the proper order, so that students can access all the pages, even the intentionally hidden ones, without skipping any sections.

## *DEADLY ASIAN HORNET*

Look at the class list of possible problems and pick one (or make up your own) that is something that is a multi-day problem/issue that could happen to you and your students' equipment that would affect your plan. What "bug" did you pick:	Internet down/Wikispaces is down.
What could you do that would allow the learning to continue without the technology or in a modified way?	I could download and print out the backups of the wikispace I created, or have the students all download the backups and explore it themselves.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	I would need to download and make the backup available for all students, or print out all the pages or use. I would also need to find a way to download, print out, or screenshot all the necessary pages and videos to show to the class. This could also involve keeping backup links of all the content on the wiki so that students can still access them if Wikispaces is down only.